

## Abstract of the Disclosure

A rotation sensor comprising: a stator of the rotation sensor; a rotator arranged around the stator in a rotatable manner relative to the stator, so as to detect a rotated-angle variation of a detection target correspondingly to an overlapped state of the rotator with the stator; and a casing for accommodating the rotator therein; wherein at least a part of an outer peripheral surface of the rotator is slidable relative to an inner surface of the casing for accommodating the rotator and stator therein, so that the rotator is constantly smoothly rotated, to thereby accurately detect the rotated-angle variation of the measurement target.